



RESPECT FOR NATURE



Coupéco
UNE DIFFÉRENCE DE TAILLE



PRESENTATION OF THE COMPANY

Savoir faire dedicated to nature

The Coup'Eco company was founded in 1995 to take care of trees in the département of Charente Maritime, in a natural environment which naturally invites preservation.

By conviction, it is specialized in ecological cutting tools. Since its creation, COUP'ECO has always refused to compromise when it comes to quality, reliability or safety. Coup'Eco reliability is also reflected in the longevity of machines and tools that are developed by listening to customers, and by the human and technical resources of the company.

The company's aim is to provide a solution for any type of cutting via its various product ranges.

Preservation of the environment and ecological cutting

COUP'ECO contributes to the protection of the environment with its ecological cutting tools: Tree and hedge branches are cut cleanly, without shredding or mulching. This technique limits the development of plant diseases and promotes healthy recovery of the vegetation

Innovation, dynamism and internationalization

Coup'Eco is always on the lookout for new trends and constantly endeavours to anticipate its customers' needs in a constantly changing market.

A research and development budget is allocated every year.

Matching our products to foreign markets allows us to achieve 30% of the total turnover of COUP'ECO in export.

CONTENTS



LAMIER 

p4 - 6

This is the active component of every cutting machine and is used by the majority of manufacturers of brush cutters.
Applications: Agriculture, arboriculture, green spaces and contractors.
With blade diameters from 420 up to 900 mm and 1 to 8 blades.



CELEST 

p7

A self-propelled hydraulic walk-behind hedge cutter specially designed for places that are difficult to access.



COSMOS 

p8 - 9

The Cosmos range is designed for fruit tree maintenance. These machines adapt to the configuration of each orchard and provide the same quality and precision as manual pruning.



GALAX 

p10 - 11

The Galax range is perfectly thought out for all hedge cutting applications, whether public or private, landscapers, municipalities, parks or country houses. There are more than 10 models to meet 100% of the requirements of the market.



METEOR 

p12 - 14

The Meteor range allows you to prune trees of significant size, up to 20 meters in height. It can be fitted to various types of telescopic loaders, excavator or front loaders.



EXTRA 

p15

A set of standard additional fittings from Coup'Eco which almost constitutes a range in itself and which enables us to produce customized products according to specifications drawn up by the customer and Coup'Eco.



500



The range of cutter heads ideally suited for annual pruning.

With an exceptional cutting quality by cutter plates with knives rotating at 2500 rpm; this is the "fruit tree pruner" "par excellence". It is available up to 3.4m in length to adapt to fruit trees of all shapes and sizes.



5-grooves
Poly Ve belt



500 LAP



The ideal cutting head for public places.

A cutting head that doesn't project debris, and that reduces the collection volume by its mulching effect. A green space cutting head ideal for hedges, small mowers, and self-propelled machines.



Synchronized
timing belt



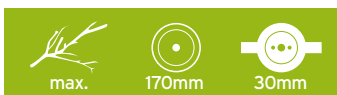
Fully enclosed cutting
head

TECHNICAL SPECIFICATIONS

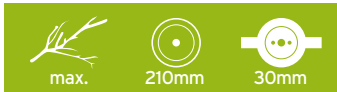
Cutting head type	Length (m)	Number of plates / blades	Diameter (mm)	Blade thickness (mm)	Number of teeth	Weight (kg)	Output (l/min)	Pressure (bars)	Speed (rpm)
3500	1,23	3	500	3	96-120	66	28-45	170-120	2500
4500	1,59	4	500	3	96-120	88	28-45	170-120	2500
5500	1,96	5	500	3	96-120	110	28-45	170-120	2500
6500	2,32	6	500	3	96-120	132	35-45	170-120	2500
3500 LAP	1,23	3	500	NA		86	28-45	170-120	2500
4500 LAP	1,59	4	500	NA		113	28-45	170-120	2500
5500 LAP	1,96	5	500	NA		140	28-45	170-120	2500



600



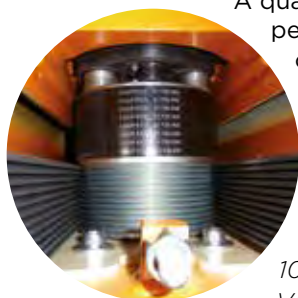
650



The benchmark range for the market for intensive use in large pruning.

This equipment is used primarily on heavy-duty type brush cutter arms, on telescopic and hydraulic excavators. This cutter head, that is designed for fitting on existing equipment, is also fitted to the METEOR range of pruning machines manufactured by COUP'ECO.

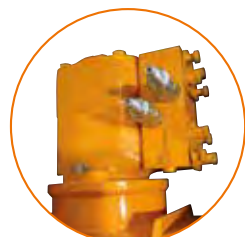
A quality of cut and unmatched performance for these cutting heads intended for professional applications.



10-grooves Poly Ve



Various types of motor



Combined knife/blades



TECHNICAL SPECIFICATIONS

Cutting head type	Length (m)	Number of plates / blades	Diameter (mm)	Blade thickness (mm)	Number of teeth	Weight (kg)	Output (l/min)	Pressure (bars)	Speed (rpm)
2600	1,07	2	600	3,5	96-120	120	75-85	95	2000
3600	1,51	3	600	3,5	96-120	140	75-85	95	2000
4600	1,98	4	600	3,5	96-120	185	75-85	95	2000
5600	2,45	5	600	3,5	96-120	225	75-85	95	2000
3650	1,57	3	650	4	80-120	175	75-85	140	2000
4650	2,05	4	650	4	80-120	225	75-85	140	2000
5650	2,5	5	650	4	80-120	275	75-85	140	2000

700	 max.	 240mm	 30mm
900	 max.	 400mm	 n.a.

The pruning head “par excellence”.

Formidable efficiency onto excavator or pruner arm for a clean cut at the growth bud.
Exceptional cutting capacities, with single-blade configuration for branches of more than 40cm in diameter.



For all your special work and large capacity cutting

A clean cut at the growth bud



TECHNICAL SPECIFICATIONS

Cutting head type	Length (m)	Number of plates / blades	Diameter (mm)	Blade thickness (mm)	Number of teeth	Weight (kg)	Output (l/min)	Pressure (bars)	Speed (rpm)
1600	0,6	1	600	3	96	70	28-85	170-95	2000
1700	0,7	1	700	4	80	120	35-85	170-95	2000
1900	0,9	1	900	5	80	140	85	180	1800
2900	1,55	2	900	5	80-120	191	85	180	1800

A self-propelled hydraulic walk-behind hedge cutter.

Hydrostatic transmission with advance speed adjustment on the handle. Although it is small in size, it has remarkable side and top cutting capacities. Its kinematics enable its cutting head to be put in all positions with the possibility of adjustment of cutting settings. With intuitive handling thanks to its judiciously positioned controls, it surprises its users by its capabilities and its performance.



Steering axle



Control console



Various types of motor



TECHNICAL SPECIFICATIONS

Plates	Cutting head	Cutting height (m)		Cutting capacity (mm)	Cutting length (m)	Rotation speed (rpm)	Weight (kg)	Motor power
		Horizontal	Vertical	Plates				
Celest	3400	2,50	3,90	20	1,10	3500	400	13/14

100

Mechanized pruning for your orchards and wind breaks with the COSMOS 100

Front or rear hitching or carriage on vineyard and orchard tractors.

The diversity of the cutter bars will suit all your lengths and forms of pruning.

The cutting quality obtained with fine tooth circular saws produces a healthy cut and promotes reshooting.



Plate
Summ

TECHNICAL SPECIFICATIONS

Cosmos	Cutting head	Cutting height		Cutting capacity plates /blades	Length of cut (m)	Speed of rotation	Weight
		Horizontal	Vertical				
100	4500	4	5,50	25 mm/165 mm	1,59	2500	684
100	5500	4	6	25 mm/165 mm	1,98	2500	706



200

The super versatile shoot tipping machine for fruit trees with its offset mast

It will allow you to do all types of cutting alongside the wheel at its maximum extension. The capacity of the cutting heads, depending on the model, will satisfy all stages of management of your free-standing orchards or fruit hedges.

Front mounting for precision pruning, with hydraulic power pack from the tractor or with an optional hydraulic pump with its control unit in the cab.



Blades and flails for precision pruning



Telescopic arm



Control Unit



Hydraulic power pack

TECHNICAL SPECIFICATIONS

Cosmos	Cutting head	Cutting height		Cutting capacity plates /blades	Length of cut (m)	Speed of rotation	Weight
		Horizontal	Vertical				
200	6500	5	7,03	25 mm/165 mm	2,32	2500	750
200	7500	5	7,40	25 mm/165 mm	2,69	2500	800

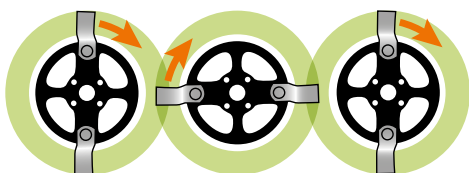
2500

“Hydraulic micropruning” for compact tractors.

Compacts from 500 kg. Pruning performance from 2.7m (top) and up to 4.25m (side) right next to the tractor!

It is fitted with the same cutting head as the Galax, 3 cutter plates, with the same qualities and cutting capacity. The LAP cutting head (anti-projection available as an option).

Cutting head rotation and arm adjustment system by an electrical control box in the cab.



Perfect hedge alignment



Electric control unit

TECHNICAL SPECIFICATIONS

GALAX	Cutting head	Height of cut (m)		Cutting capacity (mm)	Cutting length (m)	Rotation speed (rpm)	Weight (kg)	Carrier vehicle weight (kg) from	PTO speed (rpm)
		Horizontal	Vertical	Plates					
2500	3420	2,7	4,25	20	1,10	3400	260	510 + masse avant 100 Kg	540

4000

5000

The benchmark hedge cutter for green space professionals and landscapers.

Outstanding performance for this equipment that can be mounted on hydrostatic tractors from 800kgs. User friendly control thanks to its proportional controls on a single lever and overview on a colour monitor. A cutter head holding system by double parallelogram with automatic levelling enables intensive user friendly operation of the machine.



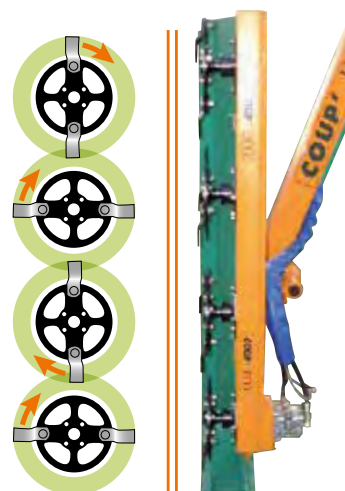
Exists in a rotary version (4000R)



Hydraulic parallelogram (4500T)



Telescopic arm (4500T)



TECHNICAL SPECIFICATIONS

GALAX	Cutting head	Height of cut (m)		Cutting capacity (mm)		Cutting length (m)	Rotation speed (rpm)	Weight (kg)	Carrier vehicle weight (kg) from	PTO speed (rpm)
		Horizontal	Vertical	Plates	Blades					
4000	5420	3,8	5,42	20	70	1,83	3400	47W0	800	540
5000	5420	4,72	6,34	20	70	1,83	3400	530	1200	540
4000 R	5420	3,30	5,72	20	70	1,83	3400	500	1200	540
4500 T	5420	4,83	6,45	20	70	1,83	3400	615	1400	540

T 90 R

The benchmark for the maintenance of farm hedges and hedgerows.

Its swivel arm enables offset pruning over ditches up to 2.8m from the carrier vehicle centre line. Its cutting capacity and its length with the 4 disc cutting head make it an economic and very efficient tool.

Simplified fitting with hydraulic power supply from the telescopic loaders.

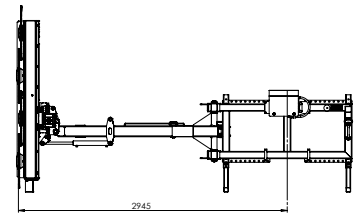
Total visibility of the front-mounted cutting head, and increased safety by a system whereby the cutting head retracts on its cutting plane.



Mounting on any type of telescopic



Several types of cutting equipment



Hydraulic tilting



T 90 MD

The favourite tool for hedges of woodlands, forest paths and hedgerows, for private use and annual pruning.

Allows the user to perform his pruning work economically according his needs. Perfectly suitable for multifunction loaders and 70hp tractors.



Cutting head safety retraction system



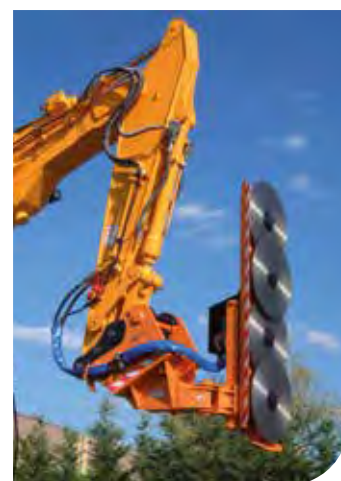
P 90

Allows the user to perform his pruning work economically according his needs.

We recommend using a multi-disc cutting head for maintenance, and a large diameter single blade for branch lopping. Power supply by the hydraulic line of the excavator, with controls in the cab.



Quick coupler



From 5T excavator

GB 150

Multifunction cutting jaws on shovels from 3.5t.

Ideal for hedge pruning work.



Cutting capacity from 15 to 20 cm depending on the pressure (minimum 220 bars, maximum 250 bars)

CC 50

Cutter jaws especially designed for cutting sugar cane.

Several models depending on the size of the excavator.
Low hydraulic requirements.



Special project.

Some applications need different performance from our standard machines; in such cases we develop other types of projects.

This non standard range enables COUP'ECO to be attentive to its customers and to keep ahead in product innovation.





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